

THE
SIXTY-SIXTH
Annual Report
OF
JAMES MURRAY'S
Royal Asylum
Perth.



PERTH:
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1893.



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Royal Charter.

James Murray's Royal Asylum, Perth.

Chairman.

The Viscount Stormont.

Directors Ex-Officio.

His Grace the Duke of Athole, K.T., Lord-Lieutenant of the
County of Perth.

And: Jameson, Esq., Sheriff of the County of Perth.

John Grahame, Esq., Sheriff-Substitute of the County of Perth.

George Wilson, Esq., Lord Provost of Perth.

J. Wotherspoon, Esq., Lord Dean of Guild, Perth.

D. Macgregor, Esq., First Bailie, Perth.

J. Murdoch, Esq., Convener of Trades, Perth.

John Thomas, Esq., President of the Society of Solicitors of
Perthshire.

Rev. W. G. H. Carmichael, Minister of East Parish Church, Perth.

Life Directors.

H. C. R. Macduff-Duncan, Esq.
of Damside.

David Mackinlay, Esq. of Cordon.

The Viscount Stormont.

Andrew Coates, Esq., Pitcullen.

Annual Directors.

Robert Pullar, Esq., Tayside.

Jas. T. Sellar, Esq., W.S., Perth.

Col. Smythe of Methven.

Col. Campbell, Perth.

Lieut.Col. E. R. Stewart Richard-
son of Ballathie.

Geo. Gray, Esq., Bowerswell.

John Steele, Esq. of Blackpark.

John M. Miller, Esq., Mayfield.

Sir Robert Moncreiffe, Bart.

E. A. Stuart-Gray, Esq. of Gray
and Kinfauns.

Albert Butter, Esq. [hall.

R.W. R. Mackenzie, Esq. of Earls-

Committee of Management.

The Viscount Stormont.

G. Wilson, Esq.

R. Pullar, Esq.

J. T. Sellar, Esq.

Colonel Campbell.

J. Steele, Esq.

J. M. Miller, Esq.

Albert Butter, Esq.

Joint Secretaries and Treasurers.

Messrs. Mackenzie & Dickson, Solicitors, Perth.

Auditors.

Messrs. J. & R. Morison, Perth.

Asylum Staff.



Physician Superintendent.

A. R. Urquhart, M.D., M.R.C.P.E.

Assistant Medical Officer.

Frank Hay, M.B., C.M.

Chaplain.

Rev. W. D. Knowles, B.A., Lond.

Matrons.

Miss Mountford, at the Asylum.

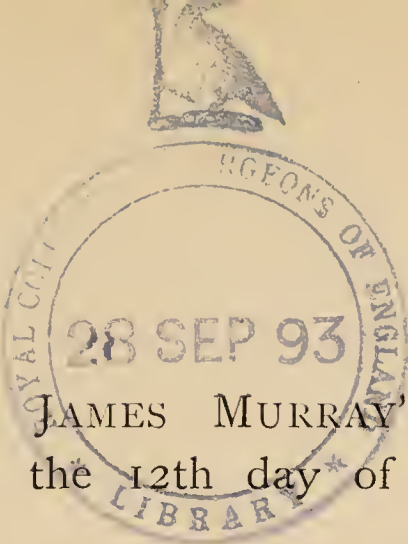
Miss Ball, at Kincarrathie.

Chief Attendant.

Mr. W. Henry.

Clerk and Storekeeper.

Mr. J. Chisholm.



At JAMES MURRAY'S ROYAL ASYLUM,
the 12th day* of June, 1893.

At the Annual General Meeting of Directors of the Asylum, held in terms of the Royal Charter—David Mackinlay, Esq. of Cordon, presiding, in the unavoidable absence of Viscount Stormont, the Chairman.

Inter alia—

THE Secretary read the Annual State of Accounts for the year ending 31st March, 1893, prepared by the Auditors, which was ordered to be engrossed.

The Secretary thereafter read the Report of the Committee of Management on the affairs of the Institution for the year.

The Chaplain read his Report.

Dr. Urquhart afterwards submitted his Annual Report as Physician Superintendent, dealing with the year ending 31st March, 1893.

The last Report of the Visiting Commissioners in Lunacy was read by the Secretary.

On the motion of the Chairman, the Meeting resolved—That the Reports now submitted be approved of and recorded in the Minute Book of the Corporation, and that the same, or a suitable abstract thereof, be printed and circulated under the direction of Dr. Urquhart and the Secretaries.

On the motion of Alex. Macduff, Esq., it was agreed

that the following be elected Annual Directors in room of those retiring, viz. :—

Sir Robert Moncreiffe of that Ilk, Bart.,
 E. A. Stuart-Gray, Esq. of Gray and Kinfauns,
 Albert Butter, Esq.,
 R. W. R. Mackenzie, Esq. of Earlshall,

and that Mr. Butter be added to the Committee of Management.

The Secretary intimated that the Rev. W. G. H. Carmichael succeeds the Rev. A. Fleming as an ex-officio Director, in terms of the Royal Charter.

The List of Directors accordingly now stands as printed on page 3.

Dean of Guild Wotherspoon moved, and it was unanimously agreed to, that Viscount Stormont be re-elected Chairman for the ensuing year.

It was thereafter moved by J. Steele, Esq., and unanimously agreed to, that the Meeting re-appoint Messrs. Mackenzie & Dickson as Secretaries and Treasurers of the Institution, and also that the Chaplain, Auditors, and Matrons be re-elected.



REPORT OF THE PHYSICIAN SUPERINTENDENT
for the Year ending 31st March, 1893,
presented at the ANNUAL MEETING OF
DIRECTORS, 12th June, 1893.

 HAVE the honour to submit the Sixty-sixth Annual Report, together with Tables of Medical and General Statistics. General Statistics.

On the 1st April, 1892, there were 106 persons on the Registers of the Asylum.

Thirty-four were admitted during the year, of whom 20 were men and 14 women.

Twenty-eight were discharged, 15 men and 13 women.

The number of deaths was ten, 4 men and 6 women.

The total number of cases under treatment was 140, and the average daily number on the books 107.

On the 31st March, 1893, there remained 53 men and 49 women—total 102,—being a decrease of 4 during the year.

At the close of the year there were 8 voluntary patients, 5 males and 3 females. Nine were resident at Kincarrathie, two at Elie, and three were absent on pass.

The average rate of the admissions for the last twenty-eight years is 26 per annum. This year 34 patients have been received, seven fewer than in 1892. The Admissions

Twenty-seven patients were admitted for the

first time ; six returned after relapse or residence elsewhere ; and one was transferred from the Register of Certified Patients to the Register of Voluntary Patients in consequence of improved mental condition. Five were transferred from other Asylums.

Of the 34 admissions, 15 were in good bodily health ; and it is noteworthy that the average age on admission was only 34 ; but one patient had attained 70 years. This is quite unusual in our experience of late years. The general physical condition of those received has commonly been more deteriorated, and a large proportion senile and feeble. The number of those admitted in bad health was 7, while 12 suffered from less serious bodily disease.

Although the year has proved exceptional in this respect, on reviewing the cases remaining under care, there is a great number of enfeebled and aged patients still resident. Of 102 on the Registers of the Asylum, one-third are under medical treatment and special care on account of physical maladies, ten are over 70 years of age, and eleven have been in the Institution for more than a quarter of a century.

Change of Scene.

Referring to what has been advocated in previous Reports—change of scene and surroundings for patients falling into chronic lunacy, or irritable and unhappy in consequence of the monotonous routine of Asylum life,—I have to state that this is still in active operation. The chronic bad patient and the unsatisfactory convalescent at times cannot be treated to advantage by continued residence in one institution, even if it

combines a variety of environment within the scope of its undertakings. For such cases temporary change was obtained in other Asylums for six patients, and we similarly received four here.

After ten years' experience of this plan I urge that it should obtain a wider recognition in the best interests of the insane. Its adoption might, I am assured, be often advantageously followed by Asylums for pauper patients. If cure is not attained, and cure is the main object of these institutions, there would be at least an increase in comfort and content, and a certain economy of management.

The causes of insanity, as discovered on admission, were of the usual nature. Sixteen were hereditarily predisposed to mental disease, and nine had previous attacks. There was also a family tendency towards nervous diseases in six cases, where ancestors had shown signs of instability not amounting to insanity. Worry and overstrain were undoubted predisposing or exciting causes in ten cases, but in eight of these the factor of heredity was a fundamental complication. The struggle for existence bears very heavily on those handicapped by predisposition to nervous disease. Although it is true that a great proportion of the world's work, often of quite the best kind, is done by neurotics, it is frequently accomplished at great expense to the individual, and it is lamentable that still so little attention is paid to the educational prevention of nervous disease. The question of the alleged increase of insanity, as revealed by lunacy statistics, is of comparatively little importance if public attention

Causes of
Insanity.

and public care are not bestowed on measures calculated to obviate its occurrence. Of the highest importance in relation to this question is the work lately instigated and carried on by Dr. Francis Warner in his "Inquiry as to the Physical and Mental Condition of School Children," and the establishment of special classes for feeble-minded children such as have been instituted by the School Board of Leicester. The intelligent consideration of these questions will do more for the good of the State than the establishment of many Asylums, which so often have to deal with the problem of cure at too late a stage.

Taking the admissions for the year, not one-half could be considered curable. The radical defects, organic changes, and faulty habits manifested in their insanity were not removable by any skilled treatment available. It must not be supposed that these remarks imply fatalistic views or furnish excuse for pampered idleness. I rather wish to indicate the necessity for reasonable methods of training, and the adoption of less artificial manners of life. This might be exemplified by reference to the influence of marital relations. At first sight it might appear that the responsibilities and cares of marriage would result in the greater proportion of male patients being married men. Quite the contrary. At the close of the year only two married men remained on the Registers of the Asylum, and the conclusion deduced from general statistics is that "celibacy is more likely to favour mental disease than the married condition."

to the Institution, but did not act as a sole cause. The general health of the Establishment suffered from that plague, as noted in last year's Report. The lowered vitality and loss of body weight were marked, and are only now being re-adjusted. Since the beginning of last year there is an average gain of 6 lbs. in the weight of the patients.

Those admitted came from the following localities:—4 from Perth, 13 from the County of Perth, 2 from Edinburgh, 3 from Glasgow, 3 from Forfarshire, 2 from Fife, 6 from other parts of Scotland, and 1 from Ireland. No application from the County or City of Perth was refused. As in former years, special consideration was shown to indigent patients of the class and from the locality prescribed by the Charter of Incorporation; but four such applications from other parts of the country could not be entertained.

The general recovery rate of the Asylum during the years 1865 to 1892 inclusive is 33·61. This year it is 32·35 per cent. on the total number of admissions—29 for men and 36 for women. Altogether 11 patients left the Institution restored to health. If the figures representing manifestly incurable patients be eliminated, and the recoveries are calculated only on those admissions reasonably regarded as curable, the recoveries would stand at 52 per cent.

Of those discharged unrecovered, 11 were transferred to other Asylums in Scotland and England, either temporarily or permanently;

5 were returned to their friends as capable of home life, although they could not be certified of sound mind; and 1 was removed against advice. Four of those transferred to other Asylums were removed on account of inability to pay the rate of board charged in this Institution. None of these belonged to Perth.

The Deaths.

The percentage of deaths on the average numbers resident is 9·36. This is again a high mortality, somewhat less than last year, but far exceeding the general average of the Asylum, which is 5·66. The actual number of deaths was 10, as compared with 12 last year. Two were admitted labouring under the fatal maladies which soon and inevitably resulted in death.

Three died of disease of the heart, 2 of degenerative nervous diseases of long standing, 2 of epilepsy, 1 of aneurism of the abdominal aorta, 1 of senile gangrene, and 1 of pulmonary complications of influenza. Two of these patients had long lived in the Asylum—one for 41 and the other for 25 years. The former dwelt entirely in the memories of the past, and up to the last imagined that Dr. Malcolm visited her daily. Anything in any way displeasing was referred to Dr. Malcolm; and she was not to be deceived by the family lawyer when he visited—she knew Mr. Reid of Auchterarder too well to be imposed on by his son pretending that he was dead. The other patient was a gentleman whose death is deeply regretted, and whose loss is greatly felt, by all who knew him. His place will hardly be filled in our little world, for his kindness and gentle presence pervaded the whole Institution.

During the past two years we have lost many old patients whose faces were familiar in the past, and there can be no doubt that attacks of influenza weakened and hastened the end of not a few of them.

The average age at death was 63. Four were over 70. Four were males and six were females. No death occurred in the case of a curable patient. Seven *post-mortem* examinations were made, and accurate records preserved. In two cases objections were offered to these investigations.

The average daily numbers on the books during the year were :—Certificated male patients, 48·65; female, 51·17. Voluntary male, 3·95; female, 3·00. Total, 106·77. The total is remarkably similar to the result of last year, being identical, even to the second decimal. It shows a decided increase over the average daily number since 1864, which is 83·83. The lowest number for any one day (98) occurred on the 10th April, 1893; and the highest (111) on the 7th September, 1892.

There has only been one serious accident amongst the patients during the year, an epileptic lady having fallen in a fit and fractured her arm.

The Head Laundress, unfortunately, sustained a severe injury of the forearm, having been caught in the mangle. The bruised parts healed slowly, but she made a perfect recovery, and is again at her customary work.

Although there has been an unusually large proportion of turbulent and dangerous patients, the year has passed free from any notable mis-

chance in consequence of their conduct. Those unused to Asylum life can hardly realise the daily and harassing duties performed by the nursing staff in face of the impaired self-control and violent passions characteristic of certain forms of insanity. It is no mere formality to express thankfulness that our record for the year is unsullied in this respect, and I desire to bring into prominence the valuable services rendered by those continuously and intimately responsible. In the outer world there is a rooted idea that any one will do for an Attendant, and there is no lack of unsuitable candidates when vacancies occur ; but newcomers soon find that an Asylum is a school for all the Christian virtues, and it ought to occasion little surprise if the severe training finds here and there a contumacious pupil.

General Health.

The general health of the Establishment has progressively improved since the influenza ceased, and no other epidemic has affected the patients. During the scarcity of the water supply, care was taken to reserve the Perth water for drinking and culinary purposes, while the Corsiehill burn, stored in the old reservoir, sufficed for baths and closets. We have had to fall back on this last-named for some days every year, and the pumps and pipes have been so arranged and labelled that no difficulty can exist in keeping the two systems distinct and separate.

The Occupations

The occupations have been continued on the same lines as in former years, with manifest advantage to the patients. On an average 62 patients were employed, and variety in useful

work was aimed at in so far as possible. During the last 13 years the advantage of active employment of patients has been amply recognized, not only by those who have visited the Institution as interested experts, but also by the relatives of patients themselves. I can only recall one case in which objections were offered to manual labour in the garden, and the apparent deterioration that followed when other plans were adopted proved the best criticism of the relative merits of each method.

The labours of the patients have cleared the quarry and laid it out, re-levelled the east terrace, improved the curling-pond and cricket-pitch, besides materially reducing the cost of the alterations in the laundry. They have seen the fruits of their industry, and have been in so far rescued from aimlessness of existence and the mere drudgery of amusements.

The amusements have been chronicled in detail in *Excelsior*, which has been continued with great spirit during the past year. I have here specially to make acknowledgment of the kind aid we have received, as on former occasions, especially to Mr. Bryson and Dr. Graham Campbell, the Messrs. Pullars' and the City Bands. To the ladies and gentlemen who gave so much time to the production of "The Magistrate" during the winter, and to the Rev. J. Ferguson for his interesting lecture on "Heraldry," our best thanks are due.

I have also, in this connection, to acknowledge with pleasure a donation of £5 to the Amusement Fund, given by a voluntary patient on his depart-

ure. The gratitude of recovered patients cannot, as a matter of course, be brought into public notice in detail; but it will be understood that this is not by any means the first time that such kindly feeling has been practically shown and duly appreciated.

The Annual Pic-nic to the Sma' Glen included a party of 105, and a very happy day was recorded. There were also many excursions, more or less ambitious, the farthest flight being to Paris.

The coachman's book shows 403 driving parties, and the numbers at Carnoustie and Pitlochry were 21 gentlemen and 18 ladies—total, 39.

New House at
Elie.

Consequent upon the death of the proprietor of the house at Carnoustie, a new arrangement became necessary; and, after careful consideration, a suitable property was purchased at Elie in the spring of this year. We thus return to the locality where the earliest tentative experiments in this direction were made by Dr. Lindsay, nearly twenty years ago, and I can now report that the most recent addition to the resources of the Institution—the new house at Elie—will be ready for occupation at the end of this month. It is unnecessary for me to describe the place in detail, and it is still less necessary to enlarge upon the advantages of being in possession of another house available for the treatment and enjoyment of the patients.

General
Management.

The management of the Institution has not varied in essential details during the past year.

The change in the dietary, referred to in last Annual Report, continues to work satisfactorily, as tested by general contentment and increased body-weight of the patients, as well as by the economical results. As Asylum dietaries are now being investigated and reported upon, the arrangement at present in force is appended to this Report. It should be noted that it is framed for patients paying from £30 to £84 per annum. Those at higher rates of board are provided for separately.

The year now ended has seen no changes The Staff. amongst the Officers, Charge Attendants, or Artisans. The changes in the Staff are confined to the Ordinary Attendants and Nurses and the Servants. Excluding those engaged for temporary duty and those found unsuitable as probationers, 8 Attendants and Nurses left, and were replaced by others. This is a great improvement on previous records, and probably represents a minimum of what may be expected. No one was dismissed, but all those leaving resigned—one for a better situation, one to get married, two by reason of failing health, and four merely desirous of change. From what has been said above, by way of acknowledgment of careful and assiduous attention to duty, it will be seen that the anxieties and labours of the Officers have been correspondingly reduced; and, as there is now a staff of 66 officials exclusively retained for service here, the comparatively small number of resignations affords reason for congratulation.

The alterations and improvements found Alterations and Improvements. necessary during the past year are detailed

below. In computing the expense entailed by these works the labour of patients and Asylum artisans is not included.

Laundry
Refitted.

The most important is the renovation of the Laundry—fitting with steam power and machinery. Nothing had been done to the Laundry for five-and-twenty years, except the introduction of shafting in connection with the old pumping-engine, extractor, and mangle. The fabric was therefore much in need of repair.

In the first place, the building was thoroughly overhauled, a new wooden ceiling replacing the old plaster work, the under part of the walls covered with cement, and the floor re-laid. A workshop was annexed as a wash-house for foul linen, so that this is received, cleansed, dried, and distributed without entering the ordinary Laundry. As soon as it is handed in at the special hatch it is steeped in running water, as a preventative of obnoxious smells. The overflow of this steeping-tank is taken off by a syphon pipe from the bottom, to ensure a current of water passing through the whole mass. The drains are open channels in the cement floor, disconnected by Buchan traps from the main drain, and the ceiling contains an opening in connection with an air propeller.

In the general wash-house the old wooden tubs have been replaced by fire-clay tubs hung on brackets, permitting of thorough cleansing on all sides and underneath. A flannel trough and wringer has been erected, and the steeping-tanks are on wheels, so that they can be easily moved from the sorting-table to the machines. The washing-machine selected is Summerscales'

“ Practical,” and the whole of the machinery can be disconnected and stopped by an easily reached handle fixed on the wash-house wall.

A Blackman air-propeller, fitted in an air-shaft above the ceiling, draws the hot air from the upper levels of the ironing-room through the heating pipes and damp clothes. By means of movable valves this air can be directed into the wash-house in winter or delivered into the outer air in summer; and this arrangement has proved effectual in keeping the place always free from steam. When the steam is rising from the machine and tubs in a cold damp atmosphere it is met by the heated air from the drying-closet, and is at once dissipated before reaching the ceiling. At the same time the ironing-room is kept cool, and the clothes are dried speedily and sweetly. The moment that the fan is stopped the wash-house is filled with steam as formerly; and, as I have noticed that attempts to draw off steam are generally unsatisfactory, this plan seems worthy of general adoption.

Another apparatus for heating the water for laundry purposes by the exhaust steam of the engine proved more than equal to our needs, and has been connected with the baths and sinks in the South Block. This was also supplied by Messrs. Summerscales; but, unfortunately, it will require some alteration to strengthen it up to the pressure at which it is worked.

It became necessary to shift the main laundry cistern to a higher level, and this was safely accomplished, but not without first taking it asunder. Having been coated with cement, the bolts were found in perfect condition; and it was

considered advisable to line all the house cisterns with cement in a similar fashion.

The engine was supplied by Messrs. Chrystal, and is so arranged as to be prepared to drive a dynamo for electric lighting.

The whole of the pipes have been renewed, and the drains of the Laundry re-laid.

Drainage.

The main drain has now been completed from the Physician's house to the Gannochy Road, and the last of the cesspools abolished. The Corsiehill burn is taken into the main drain, as advised by Mr. Ritchie, C.E., and an intercepting tank formed in the north-east field. By a simple arrangement of sluices and gratings the flow of sewage is directed as required and solids retained from going on the land.

Gallery M 4 has been repaired and painted, and F 4 is now in hand.

Fire-escape ladders have been fitted at each end of the North Block. This was the last work done here by the late Mr. Finlayson, the smith, to whose ingenuity and careful workmanship for many years this Institution is much indebted.

Fire.

A fire occurred in the Surgery late one night last summer, but was fortunately discovered and quenched before serious damage was done. The Asylum Fire Brigade continues to be regularly drilled every month, and all officials are instructed in the use of the fire apparatus.

Extra
Expenditure.

The following is a list of the more important items of Extra Expenditure, now charged at £675 10s 9d:—

1. Laundry re-fitted, - - -	£448	19	9
2. Galleries M and F 4 repaired and improved, - - -	124	4	1
3. Main Sewage Drain completed, -	28	18	6
4. Garden Rubbish Court erected, -	15	5	6
5. Fire-Escape Ladders, - - -	13	19	6
6. Minor Extra Expenditure, - -	44	3	1

The Painter has done a great deal of work, in addition to what has been above indicated. The greenhouses at the Asylum and Kincarrathie and the rhones and conductors have been painted; also, interior work in servants' rooms and private parlours, &c.

The Farm Account herewith presented may be considered satisfactory. The decrease compared with last year is caused by our having been compelled to cease killing sheep for consumption in the Institution. The quantity of milk supplied during the year was 7642 gallons. The plantings were reported upon by Lord Mansfield's forester, and his advice followed as to thinning, etc. The Garden has been effectively worked, and, in view of the interest at present taken in regard to Asylum dietaries, a *resumé* of the produce consumed is appended.

Farm and
Garden.

The accounts for the Farm show a surplus income of £180, for the Garden a deficit of £35.

The sum received from patients' board was £8429, which is less than last year's results by £431. The average of other years, 1864 to 1892 inclusive, is £5485. The total expenditure was £10,540, the total income £9843,—thus leaving an excess of expenditure of £697, compared with an excess of receipts of £368 last year. The

Financial
Details.

heavy expenditure above detailed shows the main cause of the deficit.

The yearly income per patient was £91 19s 10d; the yearly cost on the total expenditure £92 3s 9d. The weekly cost per patient calculated on the whole expenditure was £1 15s 5d. The 102 patients remaining on the Register together paid £8429 per annum, being an average board rate of £82 12s 9d.

The ordinary minimum rate of Board is £60 per annum, but during the past year 40 patients were maintained at rates varying from £30 to £52, as confirmed by the Directors. The sum thus expended in charitable action amounted to £500.

Commissioners'
Reports.

The Reports of the Visiting Commissioners in Lunacy will be found appended to this.

Conclusion.

In conclusion, and in no cold or formal manner, I have to thank the Directors for their kindness and consideration, for the support and counsel so generously given throughout the year.

A. R. URQUHART.



TABLE

Showing Changes in the Population of the Asylum during the Year ending 31st March, 1893.

						Certificated		Voluntary.		TOTAL
						M.	F.	M.	F.	
31st March, 1892.	{	Resident in the Asylum, ...	...	...	...	43	46	4	3	96
		Remaining on Pass, ...	...	...	...	...	...	...	...	...
		Remaining at Kincarrathie, ...	...	...	...	5	5	...	...	10
		Total number on Asylum Books, ...	...	...	...	48	51	4	3	106
						Certificated		Voluntary.		TOTAL.
						M.	F.	M.	F.	
Cases Admitted—										
First Admissions, ...						13	12	2	..	27
Not First Admissions, ...						4	2	1	...	7
Total Cases admitted during the year, ...						17	14	3	...	34
Total Cases under care during the year, ...						65	65	7	3	140
						Certificated		Voluntary.		TOTAL.
						M.	F.	M.	F.	
Cases discharged and died—										
Recovered, ...						5	5	1	...	11
Relieved, ...						3	7	1	...	11
Not Improved, ...						5	1	...	...	6
Died, ...						4	6	...	...	10
Total Cases Discharged and Died during the year, ...						17	19	2	...	38
31st March, 1893.	{	Total number on Asylum Books, ...	...	...	...	48	46	5	3	102
		Remaining on pass, ...	...	...	...	2	...	1	...	3
		Remaining at Elie, ...	...	...	...	2	...	...	...	2
		Remaining at Kincarrathie, ...	...	...	...	3	4	1	1	9
		Resident in the Asylum, ...	...	...	...	41	42	3	2	88

Officers, 5 ; Attendants, 14 ; Nurses, 18 ; Artisans, 15 ; Servants, 13.

		Certificated.		Voluntary.		TOTAL.
		M.	F.	M	F.	
Average number on Books during the year, ...		48.65	51.17	3.95	3.0	106.77
Largest number resident on 10th April, 1893, ...		46	46	3	3	98
Largest number resident on 17th September, 1892, ...		50	54	4	3	111
Persons under care during the year, ...		63	63	6	3	135
Persons admitted during the year, ...		17	14	2	...	33
Persons discharged recovered during the year, ...		5	5	1	...	11
Transferred from other Asylums, ...		2	3	...	...	5
Transferred to other Asylums, ...		6	5	...	...	11
Percentage of Recoveries on Admissions, ...		29.41	35.71	33.3	...	32.35
Percentage of Deaths on average numbers resident, ...		8.22	11.72	...	...	9.36

D I E T T A B L E.

DINNER.

SUNDAY,	-	Pea Soup, Cold Meat, Salad, Fruit Tart.
MONDAY,	-	Rice and Milk, Roast Mutton, Green Vegetables, Biscuits and Cheese or Fruit.
TUESDAY,	-	Scots Broth, Boiled Mutton, Milk Pudding.
WEDNESDAY,	-	Rice Soup, Harricot Mutton, Fruit Tart.
THURSDAY,	-	Leek Soup, Roast Beef, Green Vegetables, Milk Shape.
FRIDAY,	-	Lentil Soup, Fish, Salad, Biscuits and Cheese, Fruit.
SATURDAY,	-	Curry or Beefsteak Pie, Green Vegetables, Milk Pudding.
		Potatoes daily.

BREAKFAST.

Porridge and Milk, Tea and Coffee, Eggs or Fish.

TEA.

Toast, Jam, &c.

SUPPER.

Porridge and Milk, Sops, Cocoa and Bread,
as desired.

G A R D E N P R O D U C E,

1892-3.

VEGETABLES—Asparagus, Beans (Broad and French), Beetroot, Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Cress, Greens, Globe Artichokes, Jerusalem Artichokes, Kholrabi, Leeks, Lettuce, Mint, Mustard, Onions, Parsley, Parsnips, Peas, Radish, Sage, Salsafi, Savoys, Seakale, Spinach, Turnips—12 Tons.

POTATOES, grown in garden and purchased—21 Tons.

FRUIT—Apples, Cherries, Cucumbers, Currants (Black, Red, and White), Gooseberries, Melons, Plums, Rasps, Rhubarb, Strawberries, Tomatoes, Vegetable Marrow—3 Tons.

REPORTS
OF THE
COMMISSIONERS IN LUNACY
FOR THE YEAR.

REPORT BY DR. SIBBALD.

JAMES MURRAY'S ROYAL ASYLUM,
10th February, 1893.

THERE are 103 patients on the Registers of the Asylum at present. Fifty gentlemen and 46 ladies are under certificates, and 4 gentlemen and 3 ladies are voluntary inmates. All are resident in the Institution at this date except 1 lady, who is absent on pass.

Since 4th May, the date of last visit, 13 gentlemen and 10 ladies have been admitted, 2 gentlemen and 4 ladies have been discharged recovered, 5 gentlemen and 6 ladies have been discharged unrecovered, and 3 gentlemen and 6 ladies have died.

The deaths are registered as due to diseases of the brain in 4 cases, to diseases of the heart in 3 cases, to abdominal aneurism in 1 case, and to senile gangrene in 1 case. *Post mortem* examinations were made in 7 cases.

The Register of Restraint and Seclusion contains no entry. There has been no escape, and there has been no accident of a serious character.

The Asylum continues to be managed with great care and ability. Both in the main Asylum and in the Mansion of Kincarrathie the patients are kept in great comfort; they are treated in a way which shows that the special needs of each case are carefully studied and provided for, and there is evidence of a constant effort to render their lives interesting and to promote their recovery.

At every visit made to the Asylum some improvement is observed in the details either of the administration or of the structural arrangements. Among the recent improvements the most important are in the laundry, which is now very complete and efficient. One of the improvements is the introduction of a fan in the drying-closet to produce a forced current of hot air. This has the effect, not only of drying the clothes more rapidly, but also of removing from them every trace of disagreeable odour. Several useful additions to the furniture of the wards were also observed, and various improvements have been made to the amenity of the grounds. The work involved in the improvement of the grounds is done chiefly by the male patients, and it forms an element in their treatment which is very beneficial.

The Books and Registers of the Asylum were examined, and were found regularly and correctly kept. The medical records are full and good.

JOHN SIBBALD,

Commissioner in Lunacy.

REPORT BY SIR ARTHUR MITCHELL, K.C.B.

JAMES MURRAY'S ROYAL ASYLUM,
PERTH, 2nd May, 1893.

THERE are 98 patients at present on the Registers of the Asylum. Of these 45 gentlemen and 47 ladies are certificated patients, and 3 gentlemen and 3 ladies are voluntary inmates. Three gentlemen and 4 ladies reside at Kincarrathie, 2 gentlemen are at present in the new seaside residence which the Directors have acquired at Elie, and 1 gentleman is absent on pass.

Since last visit the following changes have taken place among the certificated patients:— 4 gentlemen and 3 ladies have been admitted, 6 gentlemen and 1 lady have been discharged as recovered, 2 gentlemen and 2 ladies have been discharged as unrecovered, and 1 gentleman has died, the cause of death being influenza.

During the same period 1 gentleman has been admitted as a voluntary inmate, and 2 gentlemen who were voluntary inmates have left.

There is only one entry in the Register of Restraint and Seclusion, referring to the use of the wet-pack for six hours. No accident is recorded.

There are 12 gentlemen and 9 ladies on parole beyond the grounds, and 14 gentlemen and 8 ladies on parole within the grounds.

Dr. Urquhart was absent, and the Asylum was under the care of Dr. Hay, his Assistant. Everything about the establishment was found in excellent order.

The changes in the laundry and other structural changes, referred to in the last entry, were

examined with much interest. As usual, there was much evidence of a continued, and always successful, effort to make the surroundings of the inmates bright and cheerful.

The Books and Registers were examined, and were found to be kept with care and accuracy.

ARTHUR MITCHELL,

Commissioner in Lunacy.



STATISTICAL TABLES OF THE MEDICO-
PSYCHOLOGICAL ASSOCIATION

PREPARED BY DR. HAY

(These Tables do not include Voluntary Patients)

TABLE 1

Showing the Admissions, Re-Admissions, Discharges, and Deaths during the Year ending 31st December, 1892

	M.	F.	T.	M.	F.	T.
In the Asylum, 1st January, 1892, ...				46	51	97
Cases Admitted--						
First Admissions, ...	13	13	26			
Not First Admissions, ...	5	1	6			
Total Cases Admitted, ...				18	14	32
Total Cases under care during the year,				64	65	129
Cases Discharged and Died--						
Recovered, ...	2	7	9			
Relieved, ...	3	4	7			
Not Improved, ...	4	1	5			
Died, ...	4	5	9			
Total Cases Discharged and Died, ...				13	17	30
Remaining in the Asylum, 31st December, 1892, ...				51	48	99
Average resident during the year, ...				48.09	52.44	100.53
Persons* under care during the year,†				63	64	127
Persons admitted ,, ...				18	14	32
Persons recovered ,, ...				2	7	9
Transferred‡ to this Asylum, ...				2	2	4
Transferred from this Asylum, ...				5	2	7

* Persons, *i.e.*, separate persons, in contradistinction to "cases," which may include the same individual more than once.

† Total cases, minus re-admissions of patients discharged during the current year.

‡ Patients transferred from one Asylum to another, even when re-certified, are to be regarded as transfers.

TABLE 1a

Showing (1) the Previous Attacks among Persons admitted during 1892, and (2) the Number of Times they had previously Recovered in this or any Asylum

(1) Number of Previous Attacks	Persons		
	Male	Female	Total
Have had One Attack, ...	2	3	5
„ Two Attacks, ...	0	1	1
„ Three or more Attacks, ...	3	2	5

(2) Number of Times Patients Recovered	In this Asylum			In any Asylum		
	M.	F.	T.	M.	F.	T.
Once, ...	1	0	1	1	0	1
Twice, ...	1	0	1	1	1	2
Thrice or more, ...	2	1	3	2	1	3

TABLE 2

Showing the Admissions, Re-admissions, Discharges, and Deaths for the Twenty-eight Years from the 1st of January, 1865, to the 31st December, 1892

	M.	F.	T.	M.	F.	T.
Number resident, January 1st, 1865, ...				37	34	71
Persons Admitted during the period of 28 years,	288	297	585			
Re-admissions, ...	54	74	128			
Total Cases Admitted, ...				342	371	713
Total Cases under care during the 28 years, ...				379	405	784
Cases Discharged and Died—						
Recovered, ...	99	134	233			
Relieved, ...	103	102	205			
Not Improved, ...	54	60	114			
Died, ...	72	61	133			
Total Cases Discharged and Died, ...				328	357	685
Remaining 31st December, 1892, ...				51	48	99

	M.	F.	T.
Average resident during the 28 years, ...	41·33	40·03	81·36
Transferred to this Asylum, ...	49	45	94
Transferred from this Asylum, ...	79	66	145

TABLE 2a

Showing the Admissions and Recoveries of Persons* from 1st January, 1865, to 31st December, 1892 (a period of Twenty-eight Years)

History of Recoveries of Persons				The same, only omitting all Persons transferred from other Asylums		
	M.	F.	T.	M.	F.	T.
Persons Admitted during 28 years, ...	288	297	585	258	278	536
Of whom were Discharged Recovered during the same period, being 32.82 per cent. of Persons Admitted, ...	86	106	192	85	100	185
Of whom were Re-admitted Relapsed,† ...	18	24	42	18	22	40
Leaving Recovered Persons who have not Relapsed, ...	68	82	150	67	78	145
Relapsed Persons Discharged Recovered,‡ ...	12	17	29	11	17	28
Net Recovered Persons, § being 30.6 per cent. of Persons Admitted, ...	80	99	179	78	95	173

* Persons, *i.e.*, separate persons, in contradistinction to "cases," which may include the same individual more than once.

Re-admission applies only to re-admission into this Asylum.

† *i.e.*, Persons who have relapsed one or more times.

‡ *i.e.*, After last re-admission, if relapsed more than once.

§ *i.e.*, Recovered persons sane at the present time so far as the Asylum statistics show.

TABLE 3

Showing the Admissions, Discharges, and Deaths, with the mean Annual Mortality and Proportion of Recoveries per cent. of the Admissions, for each Year since the opening of the Asylum, 30th of June, 1827

Year	Admitted			DISCHARGED									Died			Remaining 31st December in each year			Average Number Resident			Percentage of Recoveries on Admissions			Percentage of Deaths on Average Number Resident		
				Recovered			Relieved			Not Improved																	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
1827-1864	719	752	1471	255	341	596	92	116	208	180	159	339	155	102	257	37	34	71	73.13	62.30	135.4	36.72	45.34	40.52	5.66	4.36	5.05
1865.....	13	9	22	4	3	7	5	2	7	2	7	9	1	0	1	38	31	69	39.60	34.00	73.60	30.77	33.33	31.82	3.21	...	1.36
1866.....	12	6	18	4	6	10	5	4	9	2	1	3	2	2	4	37	21	61	37.09	24.80	61.89	33.33	100.00	55.55	5.39	8.02	6.46
1867.....	15	7	22	3	3	6	5	2	7	0	0	0	5	1	6	39	25	64	39.67	25.46	65.13	20.00	42.85	27.27	12.60	3.92	9.21
1868.....	12	14	26	4	3	7	2	0	2	1	2	3	4	3	4	43	31	74	38.08	30.09	68.17	38.46	15.38	26.92	2.62	9.97	5.87
1869.....	22	18	40	4	4	8	7	2	9	2	2	4	4	3	3	49	41	90	45.77	40.56	86.33	18.18	22.22	20.00	6.55	...	3.47
1870.....	10	17	27	5	4	9	2	3	5	4	7	11	2	4	6	46	40	86	48.54	41.75	90.29	50.00	23.53	33.33	4.12	9.58	6.64
1871.....	9	25	34	3	6	9	4	6	10	4	4	8	2	6	8	42	43	85	45.65	41.87	87.52	33.33	24.00	26.47	4.38	14.27	9.13
1872.....	13	9	22	4	4	8	2	1	3	3	4	7	1	2	3	45	41	86	42.92	41.10	84.02	30.77	44.44	36.36	2.32	4.86	3.57
1873.....	8	9	17	3	3	6	2	2	4	5	5	10	2	2	4	41	38	79	42.70	40.64	83.34	37.50	33.33	35.29	4.68	4.92	4.79
1874.....	6	13	19	3	2	5	3	6	9	2	2	4	2	3	5	37	37	74	37.39	41.23	78.62	50.00	15.38	26.31	5.35	7.27	6.35
1875.....	5	8	13	2	3	5	1	2	3	1	0	1	4	3	7	34	37	71	36.36	34.19	70.55	40.00	37.50	38.46	11.00	8.77	9.92
1876.....	10	7	17	2	5	7	0	1	1	0	3	3	3	3	6	39	32	71	36.87	37.16	74.03	20.00	71.42	41.17	8.14	8.10	8.10
1877.....	8	6	14	2	0	2	5	3	8	5	1	6	0	0	0	35	34	69	36.83	34.41	71.24	25.00	...	14.28	...	...	...
1878.....	2	7	9	1	6	7	1	2	3	2	2	4	1	0	1	32	31	63	33.18	35.74	68.92	50.00	85.71	77.77	3.01	...	1.45
1879.....	9	10	19	2	3	5	0	1	1	1	0	1	2	2	4	36	35	71	34.13	33.79	67.72	22.22	30.00	26.31	5.83	5.92	5.88
1880.....	10	16	26	2	6	8	2	1	3	0	0	0	4	1	5	38	44	82	37.80	38.93	76.73	20.00	37.50	30.76	15.82	2.56	6.43
1881.....	10	7	17	5	5	10	2	7	9	1	0	1	3	1	4	37	38	75	38.12	40.58	78.70	50.00	71.42	58.82	7.87	2.46	6.43
1882.....	6	10	16	1	0	1	3	4	7	2	3	5	4	1	5	33	40	73	31.58	40.95	72.53	16.66	...	6.25	12.60	2.44	6.89
1883.....	21	14	35	6	8	14	2	2	4	2	3	5	2	2	4	42	39	81	38.24	42.00	80.24	28.57	57.14	40.00	5.20	4.76	4.99
1884.....	11	18	29	3	5	8	4	3	7	3	1	4	2	5	7	41	43	84	41.88	40.57	82.45	27.25	27.77	27.58	4.75	12.07	8.48
1885.....	14	16	30	2	4	6	5	6	11	1	4	5	2	1	3	45	44	89	44.18	44.93	89.11	14.28	25.00	20.00	4.52	2.44	3.37
1886.....	19	15	34	9	5	14	9	6	15	3	1	4	4	4	2	42	46	88	44.70	44.73	89.43	47.32	33.33	41.17	2.23	2.23	2.23
1887.....	18	28	46	7	11	18	3	10	13	0	4	4	2	1	3	48	48	96	44.45	50.00	94.45	38.88	39.28	39.13	4.49	2.00	3.17
1888.....	17	19	36	5	7	12	6	7	13	0	2	2	1	2	3	53	49	102	49.15	47.52	96.67	29.41	36.84	33.33	2.03	4.20	3.10
1889.....	12	12	24	3	7	10	6	0	15	0	0	0	6	2	8	50	43	93	51.43	45.55	96.98	25.00	58.33	41.66	11.08	4.40	8.24
1890.....	16	19	35	2	6	8	7	2	9	3	0	3	4	3	7	50	51	101	49.28	45.76	95.04	12.50	31.58	22.85	8.11	6.55	7.36
1891.....	16	18	34	6	8	14	7	4	11	1	1	2	6	5	11	46	51	97	49.59	50.24	99.83	37.50	44.44	41.18	13.04	9.80	11.34
1892.....	18	14	32	2	7	9	3	4	7	4	1	5	4	5	9	51	48	99	48.09	52.44	100.53	11.11	50.00	28.12	8.31	9.53	8.95

of each Year remaining on the 31st December of the Year reported on

Admitted				Of each Year's Admissions Discharged and Died in 1892										Total Discharged and Died of each Year's Admissions to 31st December, 1892										Remaining on 31st December, 1892											
Year	First Time		Not First Time		Recovered			Relieved			Not Improved			Died			Recovered			Relieved			Not Improved			Died			M.	F.	T.				
	M.	F.	M.	F.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.										
1827 to 1864	} Not Ascertained	9	9	4	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1865		11	3	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1866		12	6	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1867		10	11	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1868		19	15	3	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1869		7	12	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1870		8	22	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1871		12	7	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1872		5	7	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1873		5	9	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1874		3	7	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1875		10	5	0	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1876		7	6	1	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1877		2	6	0	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1878		9	9	0	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1879		9	15	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1880		9	5	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1881		6	9	0	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1882		20	11	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
1883	9	14	2	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
1884	12	11	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
1885	17	13	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
1886	14	22	4	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
1887	12	11	5	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
1888	12	10	0	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
1889	13	15	3	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
1890	13	14	3	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
1891	13	13	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
1892					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
Tot. for 28 Years				288	297	54	74	713	2	7	9	3	4	7	4	1	5	4	5	9	100	126	226	94	102	196	46	49	95	56	52	108	46	42	88
General Totals				Not Ascertained	2184	2	7	9	3	4	7	4	1	5	4	5	9	354	475	829	195	218	413	234	219	453	227	163	390	51	48	99			

TABLE 4 (contd.)

Summary of Total Admissions

						Male	Female	Total
Percentage of Cases Recovered,	...	...	...	...	...	33·35	42·30	38·00
„ „ Relieved,	...	...	...	...	...	18·40	19·40	18·90
„ „ Not Improved,	...	..	...	...	...	22·05	19·50	20·75
„ „ Died,	...	...	...	...	...	21·40	14·50	17·85
„ „ Remaining,	...	...	...	...	...	4·80	4·30	4·50
						100	100	100

TABLE 5

Showing the Causes of Death, with the Ages at Death, during the Year 1892

Cause of Death	Between 35 & 40			Between 50 & 55			Between 55 & 60			Between 60 & 65			Between 65 & 70			Between 70 & 75			Between 75 & 80			Between 80 & 85			Totals			
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
Epilepsy, ...	I	O	I	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	I	O	I	...	...	...	
General Paralysis of the Insane, ...	...	...	...	I	O	I	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	I	O	I	...	...	...	
Valvular Disease of Heart, ...	...	...	...	...	...	...	O	I	I	...	...	...	I	O	I	...	...	...	...	...	...	I	I	2	...	...	...	
Fatty Degeneration of Heart, ...	...	...	...	...	...	...	O	I	I	I	O	I	...	...	...	...	...	...	...	...	...	I	I	2	...	...	...	
Aneurism of Abdominal Aorta, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	O	I	I	...	...	O	I	I	...	...	
Senile Gangrene of Leg, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	O	I	I	...	...	...	
Senile Degeneration of Brain, ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	O	I	I	...	...	...	...	O	I	I	...	...	
Total, ...	I	O	I	I	O	I	O	2	2	I	O	I	I	O	I	O	I	I	I	O	I	...	4	5	9	...	...	...

TABLE 6

Showing the Length of Residence in those Discharged Recovered
and in those who have Died during the Year 1892

Length of Residence						Recovered			Died		
						M.	F.	T.	M.	F.	T.
1 Month and under 3 Months,	...	...				2	5	7	...	...	...
3 ,, ,, 6 ,,	...	...				0	1	1	1	0	1
6 ,, ,, 9 ,,	...	..				...	...	..	0	1	1
9 ,, ,, 12 ,,	...	...				0	1	1	...	...	...
1 Year ,, 2 Years,	...	...				...	...	...	1	1	2
7 ,, ,, 8 ,,	...	...				...	...	...	0	1	1
9 ,, ,, 10 ,,	...	...				...	...	...	0	1	1
10 ,, ,, 11 ,,	...	...				...	...	...	0	1	1
13 ,, ,, 14 ,,	...	...				...	...	...	1	0	1
16 ,, ,, 17 ,,	...	...				...	...	...	1	0	1
Total, ...						2	7	9	4	5	9

TABLE 7

Showing the Duration of the Disorder on Admission in the Admissions,
Discharges, and Deaths, during the Year 1892

CLASS	Admissions			Discharges						Deaths			
				Recovered			Removed Relieved or otherwise						
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
FIRST CLASS													
First attack, and within 3 months on admission,	3	3	6	1	3	4	0	1	1	1	0	1	
SECOND CLASS													
First attack above 3, and within 12 months on admission,	5	1	6	1	0	1	4	0	4	1	0	1	
THIRD CLASS													
Not first attack, and within 12 months on admission,	3	4	7	0	3	3	1	1	2	0	1	1	
FOURTH CLASS													
First attack or not, but of more than 12 months on admission,	7	6	13	0	1	1	2	3	5	2	4	6	
Total,	18	14	32	2	7	9	7	5	12	4	5	9	

TABLE 8
 Showing in Quinquennial Periods the Ages of those Admitted, Recovered, and Died,
 during the Year 1892, and of those remaining on 31st December, 1892

		Admissions			Recovered			Deaths			Remaining		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
15 years and under 20 years,	...	...	...	...	...	...	...	...	...	...	0	1	1
20 "	...	4	1	5	0	2	2	...	...	...	6	1	7
25 "	...	3	2	5	1	0	1	...	...	...	4	2	6
30 "	...	4	2	6	0	1	1	...	...	...	7	4	11
35 "	...	0	1	1	0	1	1	1	0	1	7	3	10
40 "	...	1	1	2	0	2	2	...	...	...	4	5	9
45 "	...	1	1	2	...	...	...	...	...	...	3	5	8
50 "	...	3	4	7	0	1	1	1	0	1	5	5	10
55 "	...	...	...	...	...	...	...	...	2	2	3	8	11
60 "	...	1	0	1	1	0	1	1	0	1	5	4	9
65 "	...	1	1	2	...	...	...	1	0	1	3	4	7
70 "	...	0	1	1	...	...	...	0	1	1	2	0	2
75 "	...	...	...	...	...	...	...	0	1	1	2	4	6
80 "	...	...	...	...	...	...	...	0	1	1	0	1	1
85 "	...	...	...	...	...	...	...	...	...	...	0	1	1
90 "	...	...	...	...	...	...	...	...	...	...	...	...	...
Total,	...	18	14	32	2	7	9	4	5	9	51	48	99

TABLE 9

Showing the condition as to Marriage in the Admissions, Recoveries,
and Deaths, during 1892, and of Patients Resident 31st
December, 1892

Condition in reference to Marriage	Admissions			Recovered			Deaths			Patients Resident, Dec. 31st, 1892		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Single, ...	15	8	23	2	5	7	1	3	4	48	34	82
Married, ...	3	4	7	0	2	2	3	1	4	2	7	9
Widowed,	0	2	2	0	0	0	0	1	1	1	7	8
Total,	18	14	32	2	7	9	4	5	9	51	48	99

TABLE 10

Showing the Probable Causes of Insanity in the Persons admitted during the Year 1892

M., 18; F., 14; T., 32

Causes				Predisposing Causes								
				Hereditary						Previous Attacks		
				Insanity			Neuroses					
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
MENTAL—												
Business Anxieties, ...	2	0	2	1	0	1	...	...	...	...	...	...
Domestic Trouble, ...	2	3	5	1	2	3	1	1	2	...	...	...
Mental Strain and Worry, ...	1	0	1	1	0	1	...	...	...	...	...	...
Grief, ...	0	2	2	0	1	1	...	...	...	0	1	...
Religious Excitement, ...	0	1	1	0	1	1	...	...	...	0	1	...
Social Excitement, ...	0	1	1	...	...	...	...	...	...	0	1	...
PHYSICAL—												
Alcoholism, ...	3	1	4	1	0	1	1	1	2	...	...	...
Self-Abuse (Sexual), ..	2	0	2	2	0	2	...	...	...	...	...	...
Hystero-Epilepsy, ...	0	1	1	...	...	...	...	...	...	0	1	...
Influenza, ...	0	2	2	0	1	1	...	...	...	...	...	...
Deafness, ...	1	0	1	..	...	...	1	0	1	...	...	...
Disease of Ear, ...	0	1	1	...	...	...	...	...	...	...	...	...
Phthisis, ...	0	1	1	0	1	1	...	...	...	...	...	...
Apoplexy, ...	0	1	1	...	...	...	0	1	1	...	...	...
Cardiac Disease, ...	0	1	1	...	...	...	0	1	1	...	...	...
Puerperal State, ...	0	1	1	...	...	...	...	...	...	...	...	...
Climacteric, ...	0	1	1	0	1	1	...	...	...	0	1	...
Premature Senility, ...	1	0	1	...	...	...	...	...	...	...	...	...
Senility, ...	0	2	2	0	1	1	0	1	1	...	...	...
Previous Attacks, ...	5	6	11	3	4	7	1	1	2	5	6	1
Hereditary Predisposition, ...	10	7	17	10	7	17	...	...	...	3	4	...
Neurotic Inheritance, ...	4	4	8	...	...	...	4	4	8	1	1	...

TABLE 11

Showing the Form of Mental Disorder on Admission in the Admissions, Recoveries, and Deaths of the Year 1892, and the Form of Mental Disorder of the Inmates, 31st December, 1892

Form of Mental Disease	Admissions			Recovered			Deaths			Remaining * 31st Dec., 1892		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
CONGENITAL MENTAL DEFICIENCY,	...	...	...	...	...	...	...	...	...	1	0	1
MANIA												
Recent, ...	5	2	7	1	3	4	...	...	...	4	1	5
Chronic, ...	1	3	4	...	...	...	1	2	3	2	9	11
Recurrent,	1	2	3	0	2	2	0	1	1	3	2	5
MELANCHOLIA												
Recent, ...	3	4	7	1	2	3	...	...	...	2	2	4
Chronic, ...	1	2	3	...	...	...	0	1	1	3	6	9
Recurrent,	1	0	1	...	...	...	...	...	...	1	1	2
FOLIE CIRCULAIRE,	...	...	...	...	...	...	...	...	...	0	1	1
DELUSIONAL INSANITY, ...	2	1	3	...	...	...	2	0	2	7	11	18
DEMENTIA,	4	0	4	...	...	...	1	1	2	28	15	43
	18	14	32	2	7	9	4	5	9	51	48	99

* Epilepsy—M., 1; F., 1

TABLE 12

Showing the Station or Occupation of Patients admitted during the
Year 1892

MALES					FEMALES				
Author, ...	1	Clergyman's Widow, ...	1						
Chemist, ...	1	Farmer's Daughter, ...	1						
Clerk, ...	1	„ Wife, ...	1						
Commercial Traveller, ...	1	Gentlewomen, ...	6						
Contractor, ...	1	Merchant's Wife, ...	1						
Farmers, ...	2	Miller's Wife, ...	1						
Farmers' Sons, ...	2	Milliner, ...	1						
Gunsmith, ...	1	Postmaster's Daughter, ...	1						
Joiners, ...	2	Servant, ...	1						
Merchant, ...	1								
„ (retired), ...	1								
Schoolmaster, ...	1								
Soldier, ...	1								
Students, ...	2								
Total, ...	18	Total, ...	14						

TABLE 13

Showing Bodily Condition of Admissions

							Male	Female	Total
Good Bodily Condition, ...	...	...	...	...	...	...	11	2	13
Fair „ „	...	...	...	...	...	...	4	4	8
Bad „ „	...	...	...	...	...	...	3	8	11
Total, ...							18	14	32

REVENUE AND EXPENDITURE ACCOUNT

FOR YEAR ENDING 31st MARCH, 1893.

REVENUE.

I. Board of Patients, ...	£8428 14 3
II. From Patients for use of Carriages, ...	408 6 0
III. Farm Receipts, ...	726 10 5
IV. Garden Receipts, ...	232 4 10
V. Discounts, ...	47 5 5
Total Revenue, ...	£9843 0 11

EXPENDITURE.

I. House Expenses, viz.—	
Provisions, £3177 8 10	
Fuel, ... 436 13 3	
Lighting, ... 174 10 11	
Furnishings, Fit-	
tings, &c., ... 278 11 10	
Amusements and	
Petty Outlays, 127 1 4	
Sum of House Expenses, ...	£4194 6 2
II. Salaries and Wages, ...	2748 4 0
III. Repairs to Property, &c.,* ...	1185 19 5
IV. Rent, Taxes, and Insurance, ...	469 15 9
V. Stationery, Postages, and Ad-	
vertising, ...	93 9 3
VI. Rent Charges and Interest, &c.,	756 11 1
VII. Carriage Account, ...	332 16 5
VIII. Farm Payments, ...	490 9 8
IX. Garden Account, ...	267 19 11
Total Expenditure, ...	10,539 11 8
Excess of Expenditure, ...	£696 10 9

* See next page.

NOTE OF EXTRA EXPENDITURE.

Laundry refitted, ...	£448	19	9
Galleries M and F 4 repaired, ...	124	4	1
Main Sewage Drain completed, ...	28	18	6
Garden Rubbish Court erected, ...	15	5	6
Fire-Escape Ladders, ...	13	19	6
Minor Alterations and Improvements, ...	44	3	1
	£675	10	5

FARM ACCOUNT.

Valuation of Stock, 31st March, 1892, ...	£308	14	0
Stock purchased during year—			
Sheep, ...	£96	0	0
Cows, ...	67	10	0
Pigs, ...	31	12	0
		195	2 0
Wages, Feeding Stuffs, and Accounts, ...	295	7	8
Repairs on Farm Buildings, ...	0	0	0
Rent (31½ acres at 30/-), ...	47	5	0
	£846	8	8
Sales of Produce—			
Sheep, ...	£23	9	3
Cows and Calves, ...	69	12	6
Pigs, ...	109	16	6
Mutton and Heads, at 8½d per lb.,	93	11	8
Skins and Wool, ...	14	2	0
Pork, at 6d per lb., ...	15	7	6
Fowls, ...	4	10	3
Milk, at 10d per gal., ...	335	14	11
Eggs, ...	14	4	6
	£680	9	1
Rent of Fields, ...	28	10	4
Carting for Asylum, ...	12	3	6
	£721	2	11
Valuation of Stocking at 31st March,			
1893, ...	305	10	6
		1026	13 5
Balance in favour of Farm, ...	£180	4	9

Incorporated by



Royal Charter.

JAMES MURRAY'S ROYAL ASYLUM, PERTH.



HIS Asylum is healthily situated, amidst picturesque surroundings, on the Hill of Kinnoull, in the immediate vicinity of Perth. It stands in the midst of extensive Pleasure-Grounds, surrounded by the fields of the Home Farm, and commands unrivalled views, extending over the valley of the Tay to the range of the Grampians. The central position of Perth, and the improved railway service, make it accessible from all parts of Scotland.

Being an Endowed Institution and a Chartered Corporation, under the management of a statutory Board of Directors who have no pecuniary interest in its prosperity, the profits on each year's transactions have been devoted to modernizing and perfecting the original fabric of the Asylum, in order to render it an efficient Hospital, as well as a comfortable Home, for all classes of Private Patients.

The last important supplement to the resources of the Institution is the erection of two New Wings for the reception of Acute Cases. These have been fitted with every modern improvement in the means of treatment of the Insane.

The Directors have also taken on lease the beautifully situated Mansion-House of Kincarrathie, in the neighbourhood of, but distinctly separated from, the Asylum. It has now been in use for seven years as a Convalescent Home, and for Patients of the Higher Classes suffering from the milder forms of mental disease. Other Houses, at the Seaside and in the Perthshire Highlands, are also rented yearly. The various buildings of the Establishment at Perth are connected with the National Telephone Company.

The Distinctive Features of this Institution are, that it is the only Royal Asylum in Scotland which receives no Paupers; that it contains a limited number of Patients, permitting of Individualised Treatment; and that it is developed as a Central Hospital for the treatment of acute and difficult cases, with Succursal Houses for less serious cases. Special attention is devoted to the Occupations of the patients; there are ample means of Amusement; and the utmost Liberty, with due regard to safety, is accorded. Carriages are kept for the use of those Patients for whom such exercise is desirable.

No Publicity is implied in the proceedings connected with the admission of Patients, nor in the term "Royal Asylum."

The Directors have every confidence in referring the friends of those requiring treatment to the Reports of the Commissioners in Lunacy.

NATIONAL TELEPHONE COMPANY, No. 104 PERTH.

POSTAL AND TELEGRAPH ADDRESS—"DR. URQUHART, PERTH."

